

FIGS. 2A-G shows *in situ* hybridization for  $\gamma$ -2 chain mRNA on sections of  
30 ductal mammary carcinoma (2A), malignant melanoma (2B), squamous cell  
carcinoma of the skin (2C, 2D), and squamous cell carcinoma of the vulva (2E-  
2G). Magnification: 2C x 100, all others x 640. Photos marked by plain letter  
i.e., X, show *in situ* hybridization results for  $\gamma$ -2 chain mRNA on stained sections.  
Photos marked by the letter -1, i.e., X-1, are the dark field images of the  
respective photomicrographs.

FIGS. 3A, A-1 is incisionally wounded mouse skin (72 hours after  
wounding) showing signal for  $\gamma$ chain in keratinocytes at the leading edge of the  
5 migrating epithelium (curved arrow). Magnification: x 640. FIGURE 3A is a  
photo of *in situ* hybridization on a stained section showing  $\gamma$ -2 chain signal.  
FIGURE 3A-1 is a photo showing the dark field image of 3A.

B  
FIGS. 4A-D shows the nucleic acid sequence for the  $\gamma$ -2 chain cDNA and  
the derived amino acid sequence. FIG. 4A-4C is the full cDNA for the 5,200 base  
10 pair sequence, available from EMB/GenBank/DDBJ under the accession number  
Z15008. FIG. 4D is the nucleotide and derived amino acid sequence of the  
alternative 3' end sequence from cDNA clones providing a sequence of 4,316  
base pairs, available from EMB/GenBank/DDBJ under the accession number  
Z15009. (Kallunki, et al., 1992, supra.) SEQ ID NOs: 12, 13, 14, and 15.